

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6	09/997240	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/21 11:57
S2	7	Yan-Wen-Liang.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/21 11:57
S3	7	Huang-Steve-Chien-Wen.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/21 11:58
S4	7	Nguyen-Minh-Thanh.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/21 11:59
S5	69	Li-Hua.IN. or Lin-Helen.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/21 11:59
S6	5	Lei-Jingqi.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/21 12:00
S7	6	Khanna-Ruchi.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/21 12:00
S8	79	S1 or S2 or S3 or S4 or S5 or S6 or S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/21 12:01

EAST Search History

S9	18	"homozygous stem cell" or "homozygous stem cells"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/21 12:02
S10	9	S8 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/21 12:01
S11	57944	homozygous NERR5 ("stem cell" or "stem cells")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/21 12:03
S12	145	homozygous NEAR5 ("stem cell" or "stem cells")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/21 12:03
S13	373	homozygous WITH ("stem cell" or "stem cells")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/21 12:09
S14	0	homozygous WITH ("stem cell" or "stem cells") WITH parthenogenetic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/21 12:05
S15	7	homozygous WITH ("stem cell" or "stem cells") WITH "polar body"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/21 12:08
S16	35	S13 and @pd<="20001130"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/21 12:12

EAST Search History

S17	10	homozygous WITH ("stem cell" or "stem cells") WITH (haplotype or halotypes)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/21 12:10
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treatment and/or transplantation.

L14 ANSWER 10 OF 10 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on
STN
AN 2001:258499 BIOSIS
DN PREV200100258499
TI Blastocyst complementation analysis reveal a role for NF-1A transcription
factor in T cell activation.
AU Muthusamy, Natarajan [Reprint author]; Rajgolikar, Girish; Butz, Kenneth
G.; Chen, Hui-Chen; Frissora, Frank; Gronostajski, Richard M.
CS Children's Research Inst., The Ohio State University, 700 Children's Dr.,
Room W410, CRI, Columbus, OH, 43205, USA
SO FASEB Journal, (March 8, 2001) Vol. 15, No. 5, pp. A1197. print.
Meeting Info.: Annual Meeting of the Federation of American Societies for
Experimental Biology on Experimental Biology 2001. Orlando, Florida, USA.
March 31-April 04, 2001.
CODEN: FAJOEC. ISSN: 0892-6638.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 30 May 2001
Last Updated on STN: 19 Feb 2002
AB NF-1A is a DNA binding protein required for the normal expression of
several cellular and viral genes. It binds to consensus TTGGCCNsGCCAA
sequence as homo and heterodimers with other NF-1 family members.
Targeted deletion of NF-1A gene in mice resulted in lethality associated
with hydrocephalus and agenesis of corpus callosum. To determine the role
of NF-1A in lymphoid lineage we used the RAG-2-/- blastocyst
complementation analysis using embryonic stem cells containing homozygous
deletion of the NF-1A gene. NF-1A-/- ES cells expressed normal levels of
NF-1B, NF-1C, and NF-1X mRNA but not NF-1A mRNA. NF-1A-/->RAG-2-/-
chimeric mice exhibited 40-65% contribution by the injected mutant ES
cells to various organs. Analysis of NF-1A-/->RAG-2-/- chimeric mice
revealed normal development of CD4+ CD8+ (double positive), CD4+CD8- and
CD4-CD8+ (single positive) T cells in the thymus and CD4+CD8- and CD4-CD8+
single positive T cells in the spleen and lymphnode. Further IgM+/B220+ B
cell populations in the NF-1A-/->RAG-2-/- mice developed normally
indicating that NF-1A is not essential for the normal development of T and
B cell population in mice. Interestingly, the thymi from the
NF-1A-/->RAG-2-/- chimeric mice exhibited markedly reduced size associated
with hypocellularity. Detailed analysis of thymocytes from NF-1A-/- mice
revealed, defective antigen receptor induced proliferation associated with
failure of the cells to enter cell cycle. Thus the NF-1A-/- but not
NF-1A+/+ thymocytes exhibited significant reduction in the number of cells
entering into S phase in response to anti-CD3 stimulation. These studies
demonstrate for the first time requirement of NF-1A transcription factor
in antigen receptor induced T cell activation.

=> D His

(FILE 'HOME' ENTERED AT 14:15:43 ON 21 MAR 2007)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH' ENTERED AT 14:16:22 ON
21 MAR 2007

L1 E YAN WEN LIANG/AU
8 S E3
E HUANG STEVE CHIEN-WEN/AU
L2 5 S E2
E NGUYEN MINH THANH/AU
L3 25 S E3, E4
E LIN HUA/AU
L4 227 S E3
E LEI JINGQI/AU
L5 12 S E3

E KHANNA RUCHI/AU

L6	8 S E3
L7	265 S L1 OR L2 OR L3 OR L4 OR L5 OR L6
L8	13 S "HOMOZYGOUS STEM CELLS" OR "HOMOZYGOUS STEM CELL"
L9	5 S HOMOZYGOUS (S) ("STEM CELLS" OR "STEM CELL") (S) (HAPLOTYPE O
L10	5 S HOMOZYGOUS (10A) ("STEM CELLS" OR "STEM CELL") (10A) (HAPLOTY
L11	5 S L9 OR L10
L12	8 S L7 AND HOMOZYGOUS AND ("STEM CELLS" OR "STEM CELL")
L13	18 S L8 OR L11 OR L12
L14	10 DUP REM L13 (8 DUPLICATES REMOVED)

=> Logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:Y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
106.93	107.14

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-3.90	-3.90

CA SUBSCRIBER PRICE

STN INTERNATIONAL LOGOFF AT 14:31:28 ON 21 MAR 2007